3. The combination of claim 1, in which the pitch of a said vane decreases in the axial direction toward the free end of the hollow shaft.

4. The combination of claim 1, in which the radius of a said vane increases toward the free end of the hollow shaft.

5. The combination of claim 1, in which said gas outlet is at said lower end of the shaft and widens downward in the shape of a funnel.

6. The combination of claim 1, in which the free end of the hollow shaft extends downward beyond the lower end of the lowest vane.

7. The combination of claim 1, in which a said vane extends downward beyond the free end of the hollow shaft to form a fin-like part.

8. The combination of claim 1, in which the hollow shaft has at least one lateral gas outlet opening located between adjacent vane surfaces, the combination comprising also a shielding member extending adjacent said opening substantially tangentially of the shaft.

9. The combination of claim 1, comprising also a cardan carrying the hollow shaft.

10. The combination of claim 1, comprising also foam-cutting arms fixed to the hollow shaft above the level of said liquid, said arms being shaped helically and directed radially from the shaft.

11. The combination of claim 10, in which the arms are inclined in cross-section to act as fan vanes.

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